

**Department of Veterans Affairs  
Denver Distribution Center**

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# **REMOTE ORDER/ENTRY SYSTEM**

**Installation Guide**



Department of Veterans Affairs  
Decentralized Hospital Computer Program

# REMOTE ORDER/ENTRY SYSTEM INSTALLATION GUIDE

Version 2.0  
July 1995

Denver Distribution Center  
Denver, Colorado

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# PRE-INSTALLATION INSTRUCTIONS

The purpose of this guide is to provide instructions for installing the **Remote Order/Entry System V.2.0**. Please read all instructions before beginning the installation. An installation checklist has been included on pages 14 and 15.

It is recommended that this software package be installed in a test account before being installed in the production account.

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## Minimum Software Requirements

1. Version 7.1 or greater of KERNEL
2. Version 21.0 or greater of VA FileMan
3. Version 5.3 or greater of PIMS
4. Version 7.0 or greater of MailMan

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## ROES Exported Files

File Number	File Name	File Type
791810	STATION ORDER	Dynamic
791810.1	ORDER TYPE	Data - Uneditable
791810.2	ORDER STATUS	Data - Uneditable
791810.3	DISABILITY	Data - Uneditable
791810.4	ROES ELIGIBILITY	Data - Uneditable
791810.5	ROES MENU	Data - Uneditable
791810.6	ORDER DELAY REASONS	Data - Uneditable
791811	REMOTE INVENTORY PRODUCT	Data - Edited locally and remotely
791811.1	REMOTE PRODUCT GROUP	Data - Edited locally and remotely
791811.2	HEARING AID COMPONENTS	Data - Edited locally and remotely
791811.3	BATTERY	Data - Edited locally and remotely
791811.4	REMOTE PROSTHETIC ITEM BRANDS	Data - Edited locally and remotely
791812	TRANSMISSION BATCH	Dynamic
791813	REMOTE ORDER/ENTRY PARAMETER	Data - Editable locally

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## Preparation

1. For sites that have not previously installed the **Remote Order/Entry System (ROES)**, one new global is created during the installation. The global is **^RMPF**. It must be placed on the system on which the software routines will be used. Global protection should be **RWD** across all levels. The global should be translated when appropriate, but not replicated. Journaling is recommended but not absolutely necessary since the database at the Denver Distribution Center (DDC) will contain the permanent record for all orders. However, loss of or damage to the RMPF global could make it impossible to proceed electronically with any orders currently in progress.
2. Obtain a list of users for menu assignments. With version 2.0 of ROES, there are two menus. **RMPF O/E STATION ASPS** is the menu option for Audiology and Speech Pathology Service users. It has been renamed from **RMPF O/E STATION** and users who previously had that option do not have to be reassigned. **RMPF O/E STATION PSAS** is the new menu option for Prosthetics and Sensory Aids Service users.
3. Obtain one or more names of users, from both ASPS and PSAS, to be designated as ADP Applications Coordinators (ADPACs) for their Service. These users should receive the **RMPF SYSTEM MANAGER** and the **RMPF SUPERVISOR** Security Keys. These users will be responsibly for entering the ROES system parameters, and may change an order or batch status, inactivate a line item, purge orders, edit the REMOTE INVENTORY PRODUCT file, and, if in ASPS, grant Audiologist approval privileges for their Service.
4. Obtain a list of all supervisors in ASPS and PSAS who should receive the **RMPF SUPERVISOR** Security Key. This key allows the holder to approve or disapprove orders, remove orders from a batch, and to queue a batch for transmission for their respective Services only.

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**NOTE:** Additional information is contained in the **Remote Order/Entry System Technical Manual** and the **Remote Order/Entry System User Manual**.

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# INSTALLATION INSTRUCTIONS

It will not be necessary to have users off of the system for the initial installation of the Remote Order/Entry System. No existing files will be affected. However, if **ROES** has already been installed at least once, no **ROES** users should be using the system at the time of initialization.

1. Place the global **^RMPI** and update translation tables if applicable. (VIRGIN INSTALLATION ONLY!) The utility **^%GLOMAN** may be used for VAX DSM sites and **^%GCH** for MSM sites.

2. Load the **RMPI\*** routines from the distribution tape into the desired UCI using the appropriate system utility. Use the utility **^%RR** for VAX DSM and MSM sites.



3. Prepare to do the initialization on the volume set containing the **^RMPF** global and **RMPF\*** routines. Be sure that the variable DUZ is set to the internal number of the user doing the initialization and that DUZ(0) is set to "@". Proceed with the following initialization in programmer mode

Shown below is an example of the dialogue as it occurs when installing ROES V2.0 over Version 1.1. Dialogue for a virgin installation may vary slightly.

#### **D ^RMPFINIT**

This version (#2.0) of 'RMPFINIT' was created on 15-JUN-1995  
(at DDC - TRN, by VA FileMan V.21.0)

I AM GOING TO SET UP THE FOLLOWING FILES:

791810 STATION ORDER

**\*BUT YOU ALREADY HAVE 'STATION TRANSACTION' AS FILE #791810!**

Shall I change the NAME of the file to STATION ORDER? NO// **YES**

791810 STATION ORDER

Note: You already have the 'STATION ORDER' File.

791810.1 ORDER TYPE (including data)

**\*BUT YOU ALREADY HAVE 'TRANSACTION TYPE' AS FILE #791810.1!**

Shall I change the NAME of the file to ORDER TYPE? NO// **YES**

791810.1 ORDER TYPE (including data)

Note: You already have the 'ORDER TYPE' File.

I will OVERWRITE your data with mine.

791810.2 ORDER STATUS (including data)

**\*BUT YOU ALREADY HAVE 'TRANSACTION STATUS' AS FILE # 791810.2!**

Shall I change the NAME of the file to ORDER STATUS? NO// **YES**

791810.2 ORDER STATUS (including data)

Note: You already have the 'ORDER STATUS' File.

I will OVERWRITE your data with mine.

791810.3 DISABILITY (including data)

Note: You already have the 'DISABILITY' File.

I will OVERWRITE your data with mine.

791810.4 ROES ELIGIBILITY (including data)

I will OVERWRITE your data with mine.

791810.5 ROES MENUS (including data)

I will OVERWRITE your data with mine.

791810.6 ORDER DELAY REASONS (including data)

I will OVERWRITE your data with mine.

791811 REMOTE INVENTORY PRODUCT (including data)

Note: You already have the 'REMOTE INVENTORY PRODUCT' File.

I will OVERWRITE your data with mine.

791811.1 REMOTE PRODUCT GROUP (including data)

Note: You already have the 'REMOTE PRODUCT GROUP' File.

I will OVERWRITE your data with mine.

791811.2 HEARING AID COMPONENTS (including data)

Note: You already have the 'HEARING AID COMPONENTS' File.

I will OVERWRITE your data with mine.

791811.3 BATTERY (including data)

Note: You already have the 'BATTERY' File.

I will OVERWRITE your data with mine.

791811.4 REMOTE PROSTHETIC ITEM BRANDS (including data)

I will OVERWRITE your data with mine.

791812 TRANSMISSION BATCH

Note: You already have the 'TRANSMISSION BATCH' File.

791813 REMOTE ORDER/ENTRY PARAMETER

Note: You already have the 'REMOTE ORDER/ENTRY PARAMETER' File.

SHALL I WRITE OVER FILE SECURITY CODES? NO// **YES**

NOTE: This package also contains BULLETINS

SHALL I WRITE OVER EXISTING BULLETINS OF THE SAME NAME? YES// **YES**

NOTE: This package also contains SECURITY KEYS

SHALL I WRITE OVER EXISTING SECURITY KEYS OF THE SAME NAME? YES// **YES**

NOTE: This package also contains OPTIONS

SHALL I WRITE OVER EXISTING OPTIONS OF THE SAME NAME? YES// **YES**

ARE YOU SURE EVERYTHING'S OK? NO// **YES**

ROES Version 2.0 PRE-INIT

Changing menu name 'RMPF O/E STATION' to 'RMPF O/E STATION ASPS'.

Changing mail group name 'RMPF ROES UPDATES' to 'RMPF ROES UPDATES (ASPS)'.

Changing bulletin name 'RMPFMESSAGE' to 'RMPFMESSAGE (ASPS)'.

Changing order type name 'STOCK H.A. ORDER' to 'STOCK HEARING AID ORDER'

Changing order type name 'H.A. REGISTRATION' to 'HEARING AID REGISTRATION'.

Changing order type name 'CUSTOM H.A. ORDER' to 'CUSTOM HEARING AID ORDER'.

Changing order type name 'LOST AID REPORT' to 'LOST HEARING AID REPORT'.

Changing order type name 'UNFILL AN ORDER' to 'CANCEL ORDER'.

Changing order type name 'MISSING AID REPORT' to 'MISSING HEARING AID REPORT'.

Changing order type name 'ISSUE DATE/ORDER COMPLETION' to 'CUSTOM HEARING AID ISSUE'

Changing order type name 'CANCEL PATIENT ORDER' to 'CANCEL CUSTOM HEARING AID ORDER'.

Removing disability conditions '5163' and '6016'.

Deleting old order type edit fields.

Setting up ORDER DELAY REASONS.

\*\*\* PRE-INIT COMPLETE \*\*\*

...HMMM, LET ME THINK ABOUT THAT A  
MOMENT.....  
.....

- 'RMPF-FILE-UPDATE' BULLETIN FILED -- Remember to add mail groups for new bulletins.
- 'RMPFMESSAGE (ASPS)' BULLETIN FILED -- Remember to add mail groups for new bulletins.
- 'RMPFMESSAGE (PSAS)' BULLETIN FILED -- Remember to add mail groups for new bulletins.....
- 'RMPF ASPS STATION SUPER MENU' Option Filed
- 'RMPF O/E STATION ASPS' Option Filed
- 'RMPF O/E STATION PSAS' Option Filed
- 'RMPF PRINT/DISPLAY ASPS MENU' Option Filed
- 'RMPF PRINT/DISPLAY PSAS MENU' Option Filed
- 'RMPF PSAS STATION SUPER MENU' Option Filed
- 'RMPF-FILE-UPDATE' Option Filed
- 'RMPFDB' Option Filed
- 'RMPFDD' Option Filed
- 'RMPFDE' Option Filed
- 'RMPFDM' Option Filed
- 'RMPFDS' Option Filed
- 'RMPFDT' Option Filed
- 'RMPFDX' Option Filed
- 'RMPFEA' Option Filed
- 'RMPFEB' Option Filed
- 'RMPFEC' Option Filed
- 'RMPFEI' Option Filed
- 'RMPFEM' Option Filed
- 'RMPFEP' Option Filed

'RMPFEP2' Option Filed  
 'RMPFER' Option Filed  
 'RMPFES' Option Filed  
 'RMPFET' Option Filed  
 'RMPFET84' Option Filed  
 'RMPFEU' Option Filed  
 'RMPFEV' Option Filed  
 'RMPFEV1' Option Filed  
 'RMPFLOADMESSAGE(ASPS)' Option Filed  
 'RMPFLOADMESSAGE(PSAS)' Option Filed  
 'RMPFQI' Option Filed  
 'RMPFQP' Option Filed  
 'RMPFQS' Option Filed  
 'RMPFQT' Option Filed..  
 NOTE THAT FILE SECURITY-CODE PROTECTION HAS BEEN MADE

Adding server mail groups .....

Updating old orders.....

POST-INIT COMPLETE

4. Delete the **RMPFI\*** routines and the routines **RMPFPOS\*** and **RMPFPRE\***. Move the remaining **RMPF\*** routines to other CPUs, when appropriate.
5. Assign the **RMPF SUPERVISOR** and the **RMPF SYSTEM MANAGER** security keys.
6. Assign the **RMPF O/E STATION ASPS AND RMPF O/E STATION PSAS** menus to all users previously designated by the ADPACs.
7. Map the following routines if map space is available. Mapping is only applicable to facilities running DSM.

RMPFDD1

RMPFET

RMPFES

RMPFDD2	RMPFET1
RMPFDS1	RMPFET3
RMPFDT1	RMPFET5
RMPFDT2	RMPFET6

8. The DDC notifies local stations of updates to the orders by sending a **MailMan** message that is used to update the local database. Server options **RMPFLOADMESSAGE(ASPS)** and **RMPFLOADMESSAGE(PSAS)** are distributed with the package to receive and process these updates.

Local stations are notified of updates to the REMOTE INVENTORY PRODUCT file (File #: 791811) through the server option **RMPF-FILE-UPDATE**.

(See the **KERNEL Programmer Manual** for a discussion of server options.)

Mail groups **RMPF ROES UPDATES(ASPS)** and **RMPF ROES UPDATES(PSAS)** will be created to receive bulletins from the server when updates are received and processed. The mail group **RMPF-FILE-UPDATE** will be created to receive notification of changes to the REMOTE INVENTORY PRODUCT file.

The ADPACs will be responsible for providing IRMS with the names of individuals to be added as members to these mail groups.

9. Notify the ADPACs that the installation is complete. The ADPACs will need to proceed with the following steps to initialize the system for use:

- a. Enter the Remote Order/Entry Parameters through the option titled **Remote Order/Entry Parameters (RMPFEV for ASPS or RMPFEV1 for PSAS)**.
- b. Assign Audiologist privileges, when appropriate, through the option **Audiologist Approval Privileges (RMPFEU)**. (ASPS ADPAC only)

**\*\*\* INSTALLATION COMPLETE \*\*\***

# Resource Requirements

The non-interactive files that are exported with **ROES** consume approximately 460 blocks of disk space. The dynamic files that are created at the station consume a maximum of 1.2 blocks per order but may be purged on a regular basis. It is recommended that the purge option be run every 30 days.

There are 79 routines in **ROES**, not including the INITS, pre- and post-INITS.

Each service area using **ROES** will need to have a minimum of one CRT and one printer available for use with the system.



# Installation Checklist

The following tasks must be accomplished to provide complete access to the Remote Order/Entry System. This sheet may be used as a checklist for completing the installation procedures.

Task	Responsible Service	Completion Date
1. Load and Install Software	IRMS	_____
2. Assign the <b>RMPF SUPERVISOR</b> and <b>RMPF SYSTEM MANAGER</b> Security Keys	IRMS	
3. Assign <b>Remote Order/Entry System ASPS</b> Menu to all ASPS users	IRMS	
4. Assign <b>Remote Order/Entry System PSAS</b> menu to all PSAS users	IRMS	
5. Assign user names as members of the mail group <b>RMPF ROES UPDATES (ASPS)</b> . This list should include all ASPS users to be notified of the processing of <b>ROES</b> updates from the DDC.	ASPS ADPAC IRMS	
6. Assign user names as members of the mail group <b>RMPF ROES UPDATES (PSAS)</b> . This list should include all PSAS users to be notified of the processing of <b>ROES</b> updates from the DDC.	PSAS ADPAC IRMS	

Task	Responsible Service	Completion Date
7. Assign user names as members of the mail group <b>RMPF-FILE-UPDATE</b> . This list should include all users to be notified of the updates to the REMOTE INVENTORY PRODUCT file.	IRMS	
8. Enter ASPS <b>ROES</b> Parameters	ASPS ADPAC	_____
9. Enter PSAS <b>ROES</b> Parameters	PSAS ADPAC	_____
10. Enter Audiologist Privileges	ASPS ADPAC	_____